



WATER-RIGHT DOCKET

Chesapeake & Ohio Canal National Historical Park

Docket No: 34

MILE 38.2 WELL.

Supporting Hydro Data

00-00-0000: analytical statement; 1969

FORM 9-1367 (9-1960)
U. S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY

TOWSON

ANALYTICAL STATEMENT, GW

COUNTY

79783

LIA NO. DC-5083

Location: C&O Canal

Date of collection: Feb. 24, 1969

Ignition Loss: Color 3

mg/l mg/l

Residue at 180°C: 15

Calculated (sum): 174

Fe

Tons per Acre Foot: 1.25 25

Ca/Mg 112

Hardness as CaCO₃: 0

Non-carbonate Hardness: 0

SiO₂ 1.25 25

Fe .99 12

Ca .91 21

SiO₂ .03 1.1

Specific Conductance: 3.18

(microhm/cm at 25°C) 303

Alk as CaCO₃: 147

CO₂ Calc.: 3.6

HCO₃ 2.93 179

CO₃ .00 0

SO₄ .10 5.0

Cl .15 5.4

F .01 .1

NO₃ .01 .9

3.20

✓

Water level: ft

Sampled after pumping: hrs

Yield: GPM (min or max)

Pr of cell: well

Appearance:

Temp (°F): deg

Collector: Vial

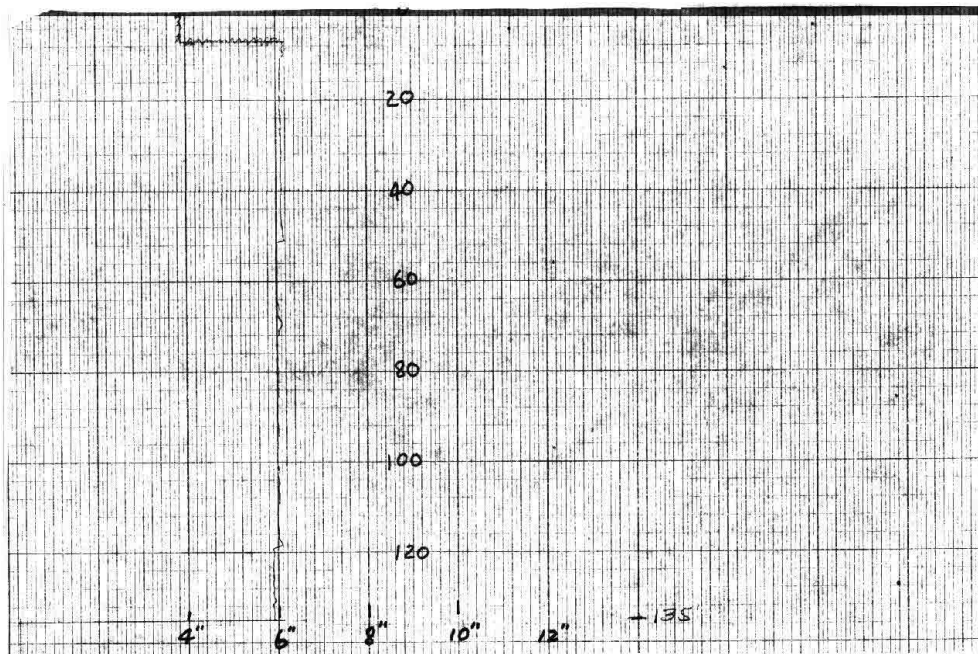
Checked: Saunders

Date completed: August 20, 1969

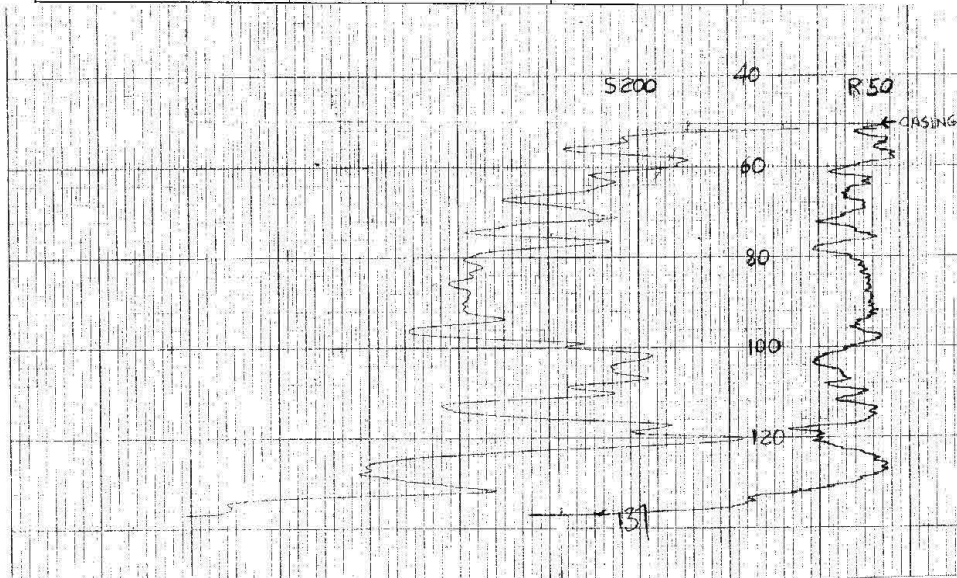
Checked by: Chomerys

Date transmitted:

Log No. <u>2</u> Date: <u>4-1-69</u>	GEOPHYSICAL LOG UNITED STATES GEOLOGICAL SURVEY in cooperation with MARYLAND GEOLOGICAL SURVEY		Well No. <u>MONT-Cb 18</u>
Type log <u>CALIPER</u>			Long. <u>77° 29' 33"</u>
Logged by <u>LJN</u>			Lat. <u>39° 10' 45"</u>
Fluid in hole: <u>WATER</u>			County: <u>MONTGOMERY</u> State: <u>MD</u>
Fluid level, below datum: <u>14'</u>			Location: <u>37.9 MILES ABOVE GEORGETOWN ON C&O CANAL</u>
Fluid resistivity <u> </u> at <u> </u> °F			Datum: <u>LAND SURFACE</u>
Time constant: <u> </u>			Altitude of datum: <u>210 ± 10'</u>
Logging speed: <u>25</u> ft. per min.			Depth, hole: <u>140'</u> dia. <u>6"</u>
AQUIFER <u>NEW OXFORD FM</u>	OWNER <u>NATIONAL PARK SERVICE</u>		Depth, casing: <u>50'</u> dia. <u>6"</u>
SCREEN <u> </u> DIA. <u> </u>	ADDRESS <u>SHARPSBURG, MD.</u>		
REMARKS <u>LOGGING SPEED 25 FT/MIN</u>	DRILLER <u>HOFFMAN WELL DRLG</u>		
		DEPTH (feet)	



Log No. <u>1</u> Date: <u>7-1-69</u>	GEOPHYSICAL LOG UNITED STATES GEOLOGICAL SURVEY in cooperation with MARYLAND GEOLOGICAL SURVEY		Well No. <u>MONT-Cb 18</u>
Type log <u>ELECTRIC</u>			Long. <u>77° 29' 33"</u>
Logged by <u>L J N</u>			Lat. <u>39° 10' 45"</u>
Fluid in hole: <u>WATER</u>			County: <u>MONTGOMERY</u> State: <u>M</u>
Fluid level, below datum: <u>14'</u>			Location: <u>37.9 MILES ABOVE</u>
Fluid resistivity at _____ °F			<u>GEORGETOWN ON C&C</u>
Time constant: _____			<u>CANAL</u>
Logging speed: <u>50</u> ft. per min.			Datum: <u>LAND SURFACE</u>
AQUIFER <u>NEW DIXFORD FM</u>	OWNER <u>NATIONAL PARK SERVICE</u>	Altitude of datum: <u>210' ± 10</u>	
SCREEN _____ DIA. _____	ADDRESS <u>SHARPSBURG, MD.</u>	Depth, hole: <u>140'</u> dia. <u>6</u>	
REMARKS _____	DRILLER <u>HOFFMAN DRLG</u>	Depth, casing: <u>50'</u> dia. <u>6</u>	
		DEPTH (feet)	



Docket Information

Number of Documents in Docket 3

Documents Dated from to

Docket Compiled: 2/7/2011